CLAIMS

1. A composition for delivery of zaleplon consisting of a condensation aerosol

a. formed by volatilizing a thin layer of zaleplon on a solid support, having the surface texture of a metal foil, to a temperature sufficient to produce a heated vapor of zaleplon and condensing the heated vapor of zaleplon to form condensation aerosol particles,

b. wherein said condensation aerosol particles are characterized by less than 5% zaleplon degradation products, and

c. the condensation aerosol has an MMAD of less than 3 microns.

2. The composition according to Claim 1, wherein the aerosol particles are formed at a rate of at least 10^9 particles per second.

3. The composition according to Claim 2, wherein the aerosol particles are formed at a rate of at least 10^{10} particles per second.

4. A composition for delivery of zolpidem consisting of a condensation aerosol

a. formed by volatilizing a thin layer of zolpidem on a solid support, having the surface texture of a metal foil, to a temperature sufficient to produce a heated vapor of zolpidem and condensing the heated vapor of zolpidem to form condensation aerosol particles,

b. wherein said condensation aerosol particles are characterized by less than 5% zolpidem degradation products, and

c. the condensation aerosol has an MMAD of less than 3 microns.

5. The composition according to Claim 4, wherein the aerosol particles are formed at a rate of at least 10^9 particles per second.

6. The composition according to Claim 5, wherein the aerosol particles are formed at a rate of at least 10^{10} particles per second.

7. A composition for delivery of zopiclone consisting of a condensation aerosol

a. formed by volatilizing a thin layer of zopiclone on a solid support, having the surface texture of a metal foil, to a temperature sufficient to produce a heated vapor of zopiclone and condensing the heated vapor of zopiclone to form condensation aerosol particles,

b. wherein said condensation aerosol particles are characterized by less than 5% zopiclone degradation products, and

c. the condensation aerosol has an MMAD of less than 3 microns.

8. The composition according to Claim 7, wherein the aerosol particles are formed at a rate of at least 10^{9} particles per second.

9. The composition according to Claim 8, wherein the aerosol particles are formed at a rate of at least 10^{10} particles per second.

10. A method of producing zaleplon in an aerosol form comprising:

a. heating a thin layer of zaleplon on a solid support, having the surface texture of a metal foil, to a temperature sufficient to volatilize the zaleplon to form a heated vapor of the zaleplon, and

b. during said heating, passing air through the heated vapor to produce aerosol particles of the zaleplon comprising less than 5% zaleplon degradation products, and an aerosol having an MMAD of less than 3 microns.

11. The method according to Claim 10, wherein the aerosol particles are formed at a rate of greater than 10^{9} particles per second.

12. The method according to Claim 11, wherein the aerosol particles are formed at a rate of greater than 10^{10} particles per second

13. A method of producing zolpidem in an aerosol form comprising:

a. heating a thin layer of zolpidem on a solid support, having the surface texture of a metal foil, to a temperature sufficient to volatilize the zolpidem to form a heated vapor of the zolpidem, and

b. during said heating, passing air through the heated vapor to produce aerosol particles of the zolpidem comprising less than 5% zolpidem degradation products, and an aerosol having an MMAD of less than 3 microns.

14. The method according to Claim 13, wherein the aerosol particles are formed at a rate of greater than 10^{9} particles per second.

15. The method according to Claim 14, wherein the aerosol particles are formed at a rate of greater than 10^{10} particles per second.

16. A method of producing zopiclone in an aerosol form comprising:

a. heating a thin layer of zopiclone on a solid support, having the surface texture of a metal foil, to a temperature sufficient to volatilize the zopiclone to form a heated vapor of the zopiclone, and

b. during said heating, passing air through the heated vapor to produce aerosol particles of the zopiclone comprising less than 5% zopiclone degradation products, and an aerosol having an MMAD of less than 3 microns.

17. The method according to Claim 16, wherein the aerosol particles are formed at a rate of greater than 10^{9} particles per second.

18. The method according to Claim 17, wherein the aerosol particles are formed at a rate of greater than 10^{10} particles per second.